

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone exchange and via email with Attorney Joseph Gortych on 09/21/11. The application has been amended as follows:

The Abstract, dated 05/24/06 has been deleted and replaced with the following:

“A process for fabricating a metallic component is disclosed. The process includes performing multiple electroforming steps on an object to form metallic layers. The process includes performing between the electroforming steps masking and patterning steps using a non-conductive material. The resulting metallic component has either a single layer or multiple layers of cooling or heat transfer channels, which may be at right angles in adjacent layers. The non-conductive material can be removed during the process by a solvent or by melting. The object on which the metallic component is formed may be a flat or shaped mandrel from which the metallic component can be removed. The metallic component is particularly useful in forming optical components for use in extreme ultraviolet (EUV) systems and in cooling and heat transfer systems.”

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEFFREY T. CARLEY whose telephone number is (571)270-5609. The examiner can normally be reached on Monday through Friday 9:30am-6:30pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Derris Banks can be reached on (571)272-4419. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JTC, AU 3729/

/Derris H Banks/  
Supervisory Patent Examiner, Art Unit 3729